COMMONWEALTH OF VIRGINIA
*Department of Mines, Minerals and Energy*
Division of Mined Land Reclamation

# Russell Prater Creek TDS Wasteload Report 2017-Q2

07-01-2016 to 06-30-2017

## Watershed Information

| | | | |
|---|---|---|---|
| Stressor: | TDS | Watershed Acres: | 16,388 |
| Wasteload Allocation: | 962,133 | Watershed Permits: | 6 |
| EPA TMDL Approval Date: | 6/22/2006 | Watershed Outfalls: | 20 |

## Watershed Wasteload and Reduction Summary[1]

| | Pre-TMDL Wasteloads[2] | Post-TMDL Wasteloads[3] | Total |
|---|---|---|---|
| Wasteload Allocation Available [4] | 962,133 | 0 | 962,133 |
| Wasteload[5] | 1,149,964 | 342,028 | 1,491,993 |
| Wasteload Balance | -187,831 | -342,028 | -529,860 |
| Wasteload Reduction Required[6] | 187,831 | 342,028 | 529,860 |
| Percent Reduction Required[7] | 16.3 % | 100.0 % | 35.5 % |

[1] Wasteload units are in kg/year unless otherwise noted.
[2] Pre-TMDL Wasteloads are calculated from outfalls existing before the EPA's approval of the TMDL.
[3] Post-TMDL wasteloads are calculated from outfalls added after the EPA's approval of the TMDL.
[4] The wasteload allocation available for pre-TMDL outfalls is the approved wasteload allocation for the watershed. The wasteload allocation available for post-TMDL outfalls is any remaining balance not used by pre-TMDL outfalls.
[5] Wasteloads are calculated on a quarterly basis using reported monitoring data, which includes samples taken when an alternate effluent limitation (AEL) precipitation event is utilized.
[6] In order to meet the wasteload allocation, all negative wasteload balance (i.e. the amount of wasteload exceeding the wasteload allocation) must be reduced.
[7] The percent reduction required is used to assign wasteload reductions to permits when the watershed's wasteload exceeds the available wasteload allocation.

## Permit Wasteload and Reduction Summary[8]

| Permit Number | Pre-TMDL Wasteload[9] | Pre-TMDL Reduction Required[10] | Post-TMDL Wasteload[11] | Post-TMDL Reduction Required[12] | Total Wasteload | Total Wasteload Reduction Required |
|---|---|---|---|---|---|---|
| 1101946 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1101993 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1302166 | 4,206 | 687 | 0 | 0 | 4,206 | 687 |
| 1102164 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1102188 | 1,145,759 | 187,144 | 0 | 0 | 1,145,759 | 187,144 |
| 1102233 | 0 | 0 | 342,028 | 342,028 | 342,028 | 342,028 |
| **Total** | **1,149,964** | **187,831** | **342,028** | **342,028** | **1,491,993** | **529,860** |

[8] Wasteload units are in kg/year unless otherwise noted.
[9] The wasteload calculated from outfalls existing before the EPA's approval of the TMDL.
[10] Pre-TMDL reduction calculated by multiplying the pre-TMDL wasteload by the watershed's pre-TMDL percent reduction required.
[11] The wasteload
[12] Post-TMDL reduction calculated by multiplying the post-TMDL wasteload by the watershed's post-TMDL percent reduction required.